

U.S. Application No. 09/890,054
Reply to Office Action of January 31, 2006

PATENT
450101-02432

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1 - 68. (Cancelled)

69. (New) A method for transmitting video data comprising:

generating preview meta-data based on a main video data, by selecting in a predetermined sequence a plurality of shots, each shot being a basic unit of the main video data;

generating semantic evaluation meta-data based on an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data; and

transmitting the preview meta-data, the semantic evaluation meta-data, and the main video data,

wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

70. (New) A video data transmitter comprising:

means for generating preview meta-data based on a main video data, by selecting in a predetermined sequence a plurality of shots, each shot being a basic unit of the main video data;

means for generating semantic evaluation meta-data based on an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data; and

means for transmitting via a communication link the preview meta-data, the semantic evaluation meta-data, and the main video data,

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wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

71. (New) A method for receiving video data comprising:

receiving main video data;

receiving preview meta-data representing a predetermined sequence of shots, each shot being a basic unit of the main video data;

receiving semantic evaluation meta-data representing an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data; and

manipulating the main video data based on the preview meta-data and the semantic evaluation meta-data,

wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

72. (New) The method according to claim 71, wherein manipulating the main video data comprises extracting a predetermined part from the main video data identified by the preview meta-data and the semantic evaluation meta-data.

73. (New) The method according to claim 71, further comprising:

receiving billing meta-data indicating how billing is to be performed; and
billing a viewer at a receiving end based on the received billing meta-data.

74. (New) A video data receiver comprising:

means for receiving via a communication link main video data;

means for receiving via the communication link preview meta-data representing a

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predetermined sequence of shots, each shot being a basic unit of the main video data;

means for receiving via the communication link semantic evaluation meta-data representing an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data; and

means for manipulating the main video data based on the preview meta-data and the semantic evaluation meta-data.

wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

75. (New) The receiver according to claim 74, wherein the means for manipulating has at least a function of extracting a predetermined part from the main video data identified by the preview meta-data and the semantic evaluation meta-data.

76. (New) The receiver according to claim 74, further comprising:
means for receiving billing meta-data indicating how billing is to be performed;
and
means for billing a viewer at a receiving end based on the received billing meta-data.

77. (New) A video data transmitting/receiving method comprising:
generating preview meta-data based on a main video data, by selecting in a predetermined sequence a plurality of shots, each shot being a basic unit of the main video data;
generating semantic evaluation meta-data representing an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data;

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transmitting the preview meta-data, the semantic evaluation meta-data, and the main video data;
receiving the preview meta-data, the semantic evaluation meta-data, and the main video data; and
manipulating the main video data based on the received preview meta-data and the received semantic evaluation meta-data,
wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

78. (New) The method according to claim 77, wherein manipulating the main video data comprises extracting a predetermined part from the main video data identified by the preview meta-data and the semantic evaluation meta-data.

79. (New) The method according to claim 77, further comprising:
transmitting and receiving billing meta-data indicating how billing is to be performed; and
billing a viewer at a receiving end based on the received billing meta-data.

80. (New) A video data transmission/reception system comprising:
a video data transmitter having: means for transmitting via a communication link preview meta-data, semantic evaluation meta-data, and main video data; means for generating the preview meta-data by selecting in a predetermined sequence a plurality of shots, each shot being a basic unit of the main video data, and means for generating the semantic evaluation meta-data based on an evaluation of the shots of the main video data, said semantic evaluation meta-data indicating significance of the shots of the main video data to an overall content represented by the main video data; and

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a video data receiver having: means for receiving via the communication link the preview meta-data, the semantic evaluation meta-data, and the main video data, and means for manipulating the main video data based on the preview meta-data and the semantic evaluation meta-data,

wherein the preview meta-data further comprises commentary data, still picture data, and/or voice data introducing the main video data and each chapter of the main video data.

81. (New) The system according to claim 80, wherein the manipulating means of the video data receiver has at least a function of extracting a predetermined part from the main video data identified by the preview meta-data and the semantic evaluation meta-data.

82. (New) The system according to claim 80,
wherein the video data transmitter further comprises means for transmitting billing meta-data indicating how billing is to be performed; and

wherein the video data receiver further comprises means for receiving the billing meta-data, and means for billing a viewer at a receiving end based on the received billing meta-data.

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